



MONICA A-1912080@nec



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1516



Home



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Help



Logout

LeaderBoard & Prev Day Solution

DAILY CHALLENGE

ProgramID- 5986



SkillRack

Convert 0's to 1's at Even Position(s)

An integer **N** is passed as the input. The program must change all the bits present at even position(from last bit) to **1** and then print the modified **decimal value** as the output.

Boundary Condition(s):

 $2 \leq N \leq 500$

Input Format:

The first line contains the value of **N**.

Output Format:

The first line contains modified decimal value.

Example Input/Output 1:

Input:

5

Output:

7

Explanation:

The binary value of 5 is 101.

Changing the bits at even position we get 111 = 7.

Example Input/Output 2:

Input:

32

Output:

42

Explanation:

The binary value of 32 is 100000.

Changing the bits at even position we get 101010 = 42.

Max Execution Time Limit: 5000 millisecs



Ambiance



Java (12.0)



Reset

```
1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         //Your Code Here
6         Scanner sc=new Scanner(System.in);
7         int n=sc.nextInt();
8         String str=Integer.toBinaryString(n);
9         String ans="";
10        for(int i=0;i<str.length();i++){
11            if(str.length()%2==1){
12                if(i%2==1 && str.charAt(i)=='0'){
13                    ans+=1;
14                }
15            }
16            else{
17                ans+=str.charAt(i);
18            }
19        }
20        else{
21            if(i%2==0 && str.charAt(i)=='0'){
22                ans+=1;
23            }
24            else{
25                ans+=str.charAt(i);
26            }
27        }
28        // System.out.print(ans);
29        System.out.print(Integer.parseInt(ans,2));
30    }
31 }
```

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Code did not pass the execution

Input:

5

Expected Output:

7

Your Program Output:

111

Save

Run